

SAKRET GL 070

Joint filler for stone slab flooring



Classification

CG2 WA

Color

According to Termokir's color chart

Packaging and Weight

Bag, 25 kg

Number of Sacks per Pallet

84



Standards and Certifications

Complies with Israeli Standard 1661.

Application must adhere to the guidelines of Israeli Standard 5566 for flooring.

Main Properties and Uses

- For filling joints between stone slabs in flooring.
- Especially suitable for paving walkways and large floor areas.
- High abrasion resistance and low water absorption.
- For both interior and exterior use.
- Ready-to-use blend.
- Specifically adapted for the Israeli climate.

Material Composition

Cement, graded aggregates, resins, and special additives.

Typical Consumption

- Approx. 3.0 kg/m², based on 60×35 cm stone slabs, 10 mm joint width, and 50 mm joint depth.
- Actual consumption may vary depending on joint width, depth, and the specific application.
- Calculation does not include excess powder.

Background and Substrate

- The designated substrate must be dry, clean, and free of any substances that could compromise the application.
- Clean the front and sides of the stone slabs thoroughly before joint filling.
- Apply Termokir GL 070 only after 7 days have passed since paving.

Technical Data

Tensile Adhesion Strength after 28 Days	Greater than 0.5 MPa
Compressive Strength after 28 Days	Greater than 20 MPa
Flexural Strength after 28 Days	Greater than 4 MPa
Shrinkage	Less than 0.2%
Abrasion resistance	Less than 1000 mm ³

*Data refers to laboratory conditions at 23°C ± 2°C and 50% ± 5% relative humidity

Application Method

SAKRET GL 070 may be applied using one of two methods:

Method 1: The “Dry” Technique

- Fill the joint to the level of the flooring.
- Remove excess powder with a suitable tool without disrupting the level and uniformity of the filler.
- Gently mist the powder surface with water until the top layer is saturated, then smooth using a suitable tool.
- Once the top layer is completely dry, clean any remaining material from the floor.

Method 2: The “Wet” Technique**Preparing the Mixture**

Pour 4.5–5.0 liters of clean water into a suitable container free of any material residue.

Gradually add the entire contents of the bag while mixing with an electric mixer until a uniform, smooth, and lump-free paste is obtained. Let sit for approx. 5 minutes, then mix again briefly. At this stage, the material is ready for use.

Despite the values above, water quantity may vary. In any case, ensure the workability level is appropriate for the product.

It is recommended to consult with the technical department.

Execution Method

- Fill the joints using a “joint trowel” or other suitable tool, and remove excess material from the surface while still fresh.
- Clean the surface with a dry sponge approximately one hour after the material has dried.

General Guidelines

- To prevent color variation, use material from a single production batch across the entire floor area.
- Store the product in a shaded, well-ventilated area.
- The material is suitable for use up to 9 months from the production date, provided it is stored in its original packaging under recommended conditions.
- Storage alongside gypsum-containing materials/products is strictly prohibited.
- Permitted application temperature range: 5°C - 35°C.
- This product must not be used in combination with gypsum-based products without consulting the company's representative.
- Dried mixture must not be reused.
- Surfaces treated with SAKRET GL 070 must not be washed or exposed to rain for at least 6 hours after application.
- Foot traffic permitted 24 hours after application.
- Before application, a small test area should be applied to assess suitability and desired color.
- All work must be carried out in accordance with applicable standards.
- Workability time may vary depending on environmental conditions at the time of application.
- Do not apply under extreme weather conditions (heatwaves, rain, winds).
- Before starting work, the company's representative must be summoned for on-site guidance.
- Since the material is alkaline, proper protection for skin and eyes is required. In case of contact, rinse immediately with running water.

Warning

It is strictly prohibited to add other materials, including gypsum and/or gypsum-containing products, to this product.

Warranty

The company's warranty is limited to the integrity and quality of materials only and does not replace the worker's responsibility. The worker must check the product and system's suitability for their needs, compatibility with other materials, and proper execution of the work. We reserve the right to update or change the data and recommendations without advance notice. The worker is responsible for checking the latest updates.

Translation Disclaimer

This product information has been translated from Hebrew to English for convenience only. In case of any discrepancy between the English translation and the original Hebrew language, the Hebrew version shall prevail. Therefore, we recommend relying solely on the information written in Hebrew! Furthermore, before using any product, you should consult the technical department for prior advice and support during use. The company accepts no responsibility for any damage or loss resulting from failure to comply with these instructions.

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